

CA-19P1N1290DNX - Coupler connector



1244036

<https://www.phoenixcontact.com/in/products/1244036>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



M23, Coupler connector, series: CA, straight, shielded: yes, for standard and SPEEDCON interlock, No. of pos.: 16+3, Direction of rotation: Standard, contact connection type: Pin, Solder connection, cable diameter range: 3 mm ... 14.5 mm, coding: N, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb < 0.1 %)

Your advantages

- Safe use in the field, thanks to high degree of protection
- Connector for flexible on-site assembly
- Consistent EMC protection for reliable transmission of signals
- Solder connection: proven connection technology for various litz wires

Commercial data

Item number	1244036
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	*****
Product key	ABRAEG
GTIN	4063151405717
Weight per piece (including packing)	96.7 g
Weight per piece (excluding packing)	96.7 g
Customs tariff number	85366990
Country of origin	DE

CA-19P1N1290DNX - Coupler connector



1244036

<https://www.phoenixcontact.com/in/products/1244036>

Technical data

Product properties

Product type	Circular connector (cable-side)
--------------	---------------------------------

Connector

Insulating body

Coding	N
Insulation body material	PA 6.6
Contact material	CuZn
Contact surface material	Ni/Au
Insertion/withdrawal cycles	100
Connection method	Solder connection
Contact switching type	Pin
Application	Signal
Number of positions	19
Direction of rotation	Standard
Connection profile	16+3
Contact diameter Power contacts	1.5 mm
Litz wire cross-section Power contacts min.	0.08 mm ²
Litz wire cross-section Power contacts max.	1 mm ²
Rated current Power contacts	10 A
Rated voltage	48 V AC 74 V DC
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3
Contact diameter Signal contacts	1 mm
Litz wire cross-section Signal contacts min.	0.08 mm ²
Litz wire cross-section Signal contacts max.	1 mm ²
Nominal current per signal contact	8 A
Installation height	2000 m

Housing

Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
Type of locking	for standard and SPEEDCON interlock
Pg screw connection	none
Degree of protection (plugged in)	IP67
Thread type	M23

CA-19P1N1290DNX - Coupler connector



1244036

<https://www.phoenixcontact.com/in/products/1244036>

Seal

External cable diameter	3 mm ... 14.5 mm
Seal material	NBR

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-40 °C ... 125 °C
---------------------------------	-------------------

CA-19P1N1290DNX - Coupler connector

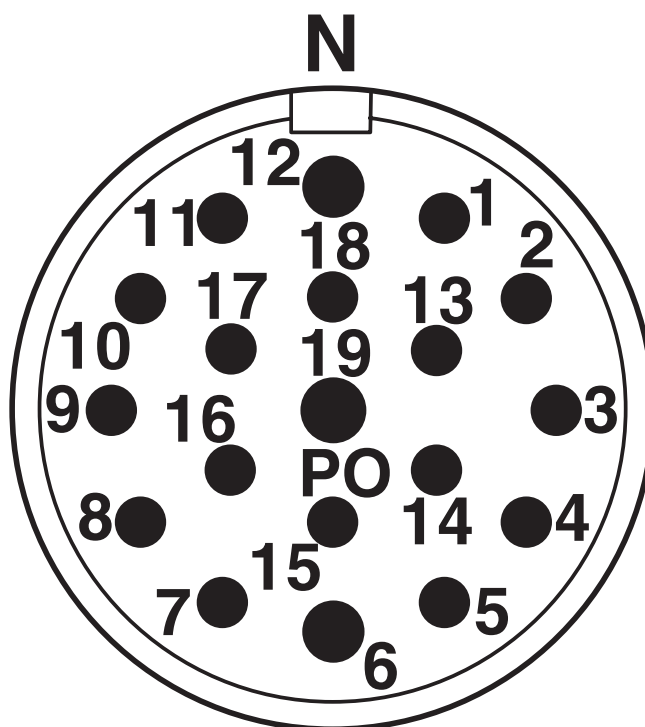


1244036

<https://www.phoenixcontact.com/in/products/1244036>

Drawings

Schematic diagram



Connector pin assignment

CA-19P1N1290DNX - Coupler connector





1244036

<https://www.phoenixcontact.com/in/products/1244036>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/in/products/1244036>

 cUL Recognized Approval ID: E335019-20141210				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
Power	48 V	6 A	18	-
Signal	48 V	5 A	18	-

 UL Recognized Approval ID: E335019-20141210				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
Power	48 V	10 A	18	-
Signal	48 V	8 A	18	-

cULus Recognized				
-------------------------	--	--	--	--

CA-19P1N1290DNX - Coupler connector



1244036

<https://www.phoenixcontact.com/in/products/1244036>

Classifications

ECLASS

ECLASS-11.0	27440102
ECLASS-12.0	27440116
ECLASS-13.0	27440116

ETIM

ETIM 9.0	EC002635
----------	----------

UNSPSC

UNSPSC 21.0	39121100
-------------	----------

CA-19P1N1290DNX - Coupler connector



1244036

<https://www.phoenixcontact.com/in/products/1244036>

Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes, No exemptions
China RoHS	
Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

CA-19P1N1290DNX - Coupler connector



1244036

<https://www.phoenixcontact.com/in/products/1244036>

Accessories

SF-Z0019 - Protective cap

1607449

<https://www.phoenixcontact.com/in/products/1607449>



Plastic protection cap, with eye, IP40 for connectors with M23 external thread, RF, SF series

RF-Z0014 - Color coding

1620588

<https://www.phoenixcontact.com/in/products/1620588>



Color coding, color: green

CA-19P1N1290DNX - Coupler connector

1244036

<https://www.phoenixcontact.com/in/products/1244036>



RF-Z0015 - Color coding

1620592

<https://www.phoenixcontact.com/in/products/1620592>

Color coding, color: orange



RF-Z0016 - Color coding

1620593

<https://www.phoenixcontact.com/in/products/1620593>

Color coding, color: black



CA-19P1N1290DNX - Coupler connector

1244036

<https://www.phoenixcontact.com/in/products/1244036>



PROT-M23PRO-OT-IP20 - Plastic protective cap

1055753

<https://www.phoenixcontact.com/in/products/1055753>

Plastic protective cap, M23, series: M23 PRO



Phoenix Contact 2025 © - all rights reserved

<https://www.phoenixcontact.com>

PHOENIX CONTACT (I) Pvt. Ltd.

A-58/2, Okhla Industrial Area, Phase - II, New Delhi-110 020

+91.1275.71420

info@phoenixcontact.co.in